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REPORT

on

COMPONENT - COMMUNICATION CIRCUIT ACCESSORIES

Tyco Electronics Corp.
Harrisburg, PA

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PRODUCT COVERED:

- USR - Series 14xxxxx, 19xxxxx, 55xxxxx and 64xxxxx Modular telephone jacks or plugs, 4-8 positions, with options consisting of: compliant pin type modular jacks, surface mount type jacks or solder pin type jacks, discrete wire jacks, multiple port modular jacks (stacked or un-stacked), Modular jack receptacles (capacitor or distributive filtered), Low profile with reverse foot print jack, top entry jack, bottom entry jack, side entry jack, right angle jack, invertible modular jack for surface mount application. Jacks or plugs may be Shielded or non-shielded, keyed or non-keyed, with or without panel stops, with or without LED, flange or flangeless.
- USR - Model CIU jack module.
- USR - Model RJ11T jack module.
- USR - Stacked USB/Modular Jack Assembly.
- USR, CNR - Modular Plugs.
- USR, CNR - Modular Jack RJ45, Models 406xxx Series, where suffixes xxx denotes mounting types, panel stop types, entry angles and number of contact options.
- USR, CNR - Modular Jack, Part No. 1-1899161-0
- USR - Modular Jack, Part Nos. 6-1899188-6, 1-1899189-7 and 9-1899201-4.
- USR, CNR - Modular Plugs, Part Nos. 1375202, 1375204, 1479184, 1479185, 1933441 and 1933442
- USR, CNR - Modular Stacked Jack, Part Number 1840649.
- USR, CNR - Modular plugs unshielded, Model Number MP-6AU-PLUG-X-Y where X can denote customer options, and Y denotes packaging options.**

Obsolete Product (Retained for reference only): Connector Plug, Part No. 610XC.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

General - The modular telephone jacks and plugs described in this Report are constructed of Recognized Component plastic housing and gold plated contact or phosphor bronze pins. The jacks are keyed and the plugs employ locking tabs for modular configuration and are intended for use in Listed telephone equipment. The difference between jack assemblies is the configuration of housing and number of possible contact pins employed. The possible number of conductor pins employed per plug or jack are four, six, eight or ten.

Discrete wire jacks are PCB mount and employ IDC barrels for termination of wire.

Multiple port module jacks may employ 2-8 jacks per strip and are PCB mounted. Enclosure of jacks may be shielded or non-shielded.

USR - Indicates evaluation to UL 1863, The Standard for Communications Circuit Accessories, 4th Edition, dated May 14th, 2004 including revisions through **September 15, 2016**.

CNR - Indicates evaluation to CAN/CSA C22.2 No. 182.4-M90, The Standard for Plugs, Receptacles and Connectors for communication Systems, 1st Edition, reaffirmed 2015.

The individual components (housing assembly, wire holder, and/or shield) that comprise Models 1375202, 1375204, 1479184, 1479184, 1933441, MP-6AU-PLUG-X-Y, and 1933442 may be shipped separately in bulk to the manufacturing location or they may be shipped together as a kit to produce the final model.

CONDITIONS OF ACCEPTABILITY:

The telephone jacks and plugs are Component devices which have been evaluated for current limiting telephone circuits not exceeding 175 mA. Each device is only intended for ordinary indoor locations where the acceptability of the combination is determined by Underwriters Laboratories Inc.

The modular jack receptacles, capacitor or distributive filtered, are not intended for telephone circuits. They are for data use only.

These Component modular telephone jacks, plugs and CIU Module are intended for use only on the equipment side of a Listed primary protector.

The Strain Relief Test must be conducted on models 1375202, 1375204, 1479184, 1479185, 1933441, MP-6AU-PLUG-X-Y and 1933442 in the end product application. The Impact Test should be considered in the end-use product since that test should not apply to R/C components.

RATINGS:

The units are intended for telephone circuits operating at 175 mA or less and a maximum 56.5 V dc, ringing voltage not to exceed 150 V rms. For data use, the circuits operate at 30 V ac, 42 V dc, 100 mA.

MODEL DIFFERENCES:

Model 1375202 terminates with 24-26 AWG stranded copper wire. See ILL. 79 (M0161298).

Model 1375204 terminates with 23-24 AWG solid copper wire. See ILL.80 (M0161303).

Models 1479184 and 1479185 are similar to models 1375202 and 1375204 except that they terminate with Cat. 6 stranded and solid wire, respectively. They also employ a shield with a larger diameter cable entrance opening. See ILL. 82 (M020016379) and ILL. 83 (M020016380).

Models 1933441 and 1933442 are similar to Models 1375202 and 1375204 except that they terminate with Cat. 6 stranded and solid wire, respectively. They also employ a shield with a smaller diameter cable entrance opening. See ILL. 93 (Model 1933441) and ILL. 94 (Model 1933442) for additional details.

Model MP-6AU-PLUG-X-1 is identical in construction to Model 1375202 and 1375204 except for the cable management system used.

Series 406xxx Modular Jack, RJ45 type - Surface Mount:

Part No.	Description
406514 -	Single port, Rt. Angle, 6 contacts, Inward boardlocks. See ILL. 84 (M020019072)
406542 -	Dual port, Rt. Angle, 6 contacts, Thru-Hole. See ILL. 85 (M020019073)
406545 -	Single port, Rt. Angle, 4 contacts, Inward boardlocks. See ILL. 86 (M020019074)
406717 -	Dual port, Rt. Angle, 6 contacts, keyed with panel stops. See ILL. 87 (M020019075)
406721 -	Single port, Rt. Angle, 8 position, Inward board locks, panel stops. See ILL. 88 (M020019076)
406724 -	Single port, Rt. Angle, 6 contacts, Inward boardlocks. See ILL. 89 (M020019077)
406903 -	Dual port, Rt. Angle, 6 contacts, panel stops. See ILL. 90 (M020019078)
406904 -	Dual port, Rt. Angle, 4 contacts, Inward board mounts, Thru-hole. See ILL. 91 (M020019079)